

# HK B5 400/690V IE2

Electric motor B5 400/690V IE2

**HANSA FLEX**

## Properties

<b>Design</b>	type B5 without feet
<b>Protection IP</b>	IP 55
<b>Ambient temperature</b>	-20 °C to +40 °C
<b>Material</b>	Housing: Aluminium Housing: Grey cast iron (from HK160M4B354-6IE2)



## Description

Self-cooling squirrel-cage energy-saving motors

High efficiency IE2 - IEC60034-30:2008

Rated voltage 400/690V 50Hz, 460V 60Hz; 4-pin

Voltage tolerance +- 5%

Above 11 kW incl. temperature protection (PTC thermistor)

## Item

Identification	n 50 Hz (rpm)	n 60 Hz (rpm)	P 50 Hz (kW)	P 60 Hz (kW)	I 50 Hz (A)	LF 50 Hz	H1 (mm)	B (mm)	Ø D shaft (mm)	Ø E (mm)	Ø F (mm)	η (IE2) %	Weight (kg)
<b>HK 112M4 B5 4-6 IE2</b>	1460	1760	4,00	4,60	8,20	0,81	177	375	28	180	250	85,5	29,0
<b>HK 132SB4 B5 4-6 IE2</b>	1460	1760	5,50	6,30	11,20	0,80	202	390	38	230	300	87,7	42,0

P 50 Hz = nominal output at 400 V/50 Hz – P 60 Hz = nominal output at 400 V/60 Hz – n 50 Hz = nominal speed at 400 V/50 Hz – n 60 Hz = nominal speed at 400 V/60 Hz – I 50 Hz = nominal current at 400 V/50 Hz – LF 50 Hz = cos phi power factor at 50 Hz – η (IE2) = efficiency to IE2 in % (at full load)